

Work Order ID 82914

82914

Page 1

Tuesday, April 10, 2012 3:23:01 PM

Item ID: D4151-041 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Basket Fwd Hardpoint Assembly, Lower **8x**
 Start Date: 4/10/2012 Start Qty: ~~10.00~~ ***10*** Cust Item ID:
 Required Date: 4/20/2012 Req'd Qty: 10.00 ***10*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr								
D4151	C								
100		0.00							
100									
Small Fab	Memo	0.00							
Small Fab	1- Assemble as per dwg								
110	QC5- Inspect part completeness to step on W/O	0.00							
110									
QC	Memo	0.00							
Quality Control									
120	Identify as per dwg & Stock Location: ST	0.00							
120									
Packaging	Memo	0.00							
Packaging									

8x **Ø** **12/04/17**

12/04/18

12-04-18

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	QC21- Final Inspection - Work Order Release	0.00							
130									
QC	Memo	0.00							
Quality Control									

12/4/19 

R12-04-18

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Picklist Print

Tuesday, April 10, 2012 3:23:05 PM

Page 1

Work Order ID: 82914

82914

Parent Item: D4151-041

D4151-041

Parent Item Name: Basket Fwd Hardpoint Assembly, Lower

Start Date: 4/10/2012

Required Date: 4/20/2012

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP Rev:A 10.06.24 new issue DD verf:EC
 IPP Rev:B 10.07.22 as per revB DD verf:JLM IPP Rev:C
 11.01.21 as per dwg revC DD verf:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4151-1		Manufactured	No			100	Each	16.0000	2	20			
D4151-1									**				
Lower Hardpoint Plate													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST134				16					
					82283			2					
					82559			14					
D4151-5		Manufactured	No			100	Each	10.0000	1	10			
D4151-5									**				
Fwd Basket Instl Stud													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				WA				10					
					80741			10					
AN4C13A		Purchased	No			100	Each	87.0000	2	20			
AN4C13A									**				
BOLT													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST307				82					
					121166			82					
				ST357				5					
					120187			1					
					120423			4					

12/04/18
 2
 14
 12/04/18
 8
 12/04/18
 16

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ **PAR #:** _____ **Fault Category:** _____ **NCR: Yes No** **DQA:** _____ **Date:** _____
Resolution: _____ **Disposition:** _____ **QA: N/C Closed:** _____ **Date:** _____

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Picklist Print

Tuesday, April 10, 2012 3:23:05 PM

Work Order ID: 82914

82914

Parent Item: D4151-041

D4151-041

Parent Item Name: Basket Fwd Hardpoint Assembly, Lower

Start Date: 4/10/2012

Required Date: 4/20/2012

Start Qty: 10.00

Required Qty: 10.00

MS21043-4 Purchased No

100 Each 1,691.000 2 20

MS21043-4

Nut

**

EB 12/04/18

Location

Loc Qty

Loc Code

FG

40

104603

40

ST301

1651

119546

286

120308

365

121162

1000

16

NAS1149C0432R Purchased No

100 Each 5,000.000 4 40

NAS1149C0432R

Washer

**

EB 12/04/18

Location

Loc Qty

Loc Code

ST297

2000

117291

1000

119124

1000

ST298

3000

121255

3000

32

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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ITEM	QTY -041	QTY -043	P/N	DESCRIPTION
	X		D4151-041	BASKET FWD HARDPOINT ASSY (LOWER)
		X	D4151-043	BASKET FWD HARDPOINT ASSY (UPPER)
1	2		D4151-1	LOWER HARDPOINT PLATE
2		2	D4151-3	UPPER HARDPOINT PLATE
3	1		D4151-5	FWD BASKET INSTL STUD (LOWER)
4		1	D4151-7	FWD EYEBOLT RECEIVER (UPPER)
5	2	2	AN4C13A	BOLT
6	2	2	MS21043-4	NUT
7	4	4	NAS1149C0432R	WASHER

D4151-043 BASKET FWD HARDPOINT ASSY (UPPER)

D4151-041 BASKET FWD HARDPOINT ASSY (LOWER)

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4151-04X" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT:
 - D4151-041 = 0.88 lbs
 - D4151-043 = 1.17 lbs

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WITHOUT NOTICE
WORK ORDER
NO. 82914

C	AN4 HARDWARE WAS AN3 (B6-1, C3-1 & D3-1); Ø0.252 WAS Ø0.191 (C5-2, D1-2); TIGHTENED TOL ON 1.000 DIM (C5-2, D1-2, C7-3, C3-3); Ø0.250 WAS Ø0.191 (C6-3, B4-3); 1.83 WAS 1.75 (C1-2); 2.04 WAS 2.76 (B3-3) AND 1.86 WAS 1.80 (C1-3) TO PRESERVE 1.5ED. REASON: SEE D407-787 DESIGN JOURNAL.	MB	10.12.14
B	ADDED D4151-5/7 (SHT 3); D4151-5 WAS D3911-1 (ZN B6-1 & D3-1); D4151-7 WAS D3911-3 (ZN C4-1 & D3-1) ITEMS #5, 6 & 7 REPLACE MS20815-4M20 (ZN C3-1, D3-1 & B8-1); Ø0.191 2 PL REPLACES Ø0.129 3 PL (ZN C5-2); Ø0.191 2 PL REPLACES Ø0.129 4 PL (ZN D1-2). REASON: SEE TR-D350-607-2 REV. B.	MB	10.07.05
A	NEW ISSUE	MB	10.06.22
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.12.14		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D4151** REV. C
SHEET 1 OF 3

TITLE **BASKET FWD HARDPOINT** SCALE NTS

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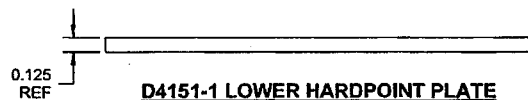
W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

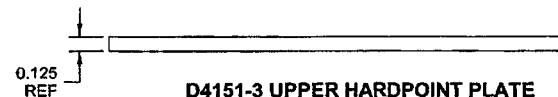
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NOTE: Date & initial all entries



D4151-1 LOWER HARDPOINT PLATE



D4151-3 UPPER HARDPOINT PLATE

RELEASED
2011-01-18
MD

- D4151-1 = 0.24 lbs
- D4151-3 = 0.23 lbs

DESIGN		DART AEROSPACE LTD HAWKESSBURY, ONTARIO, CANADA	
DRAWN		DRAWING NO.	REV. C
CHECKED		D4151	SHEET 2 OF 3
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DE APPR.			
DATE	10.12.14		

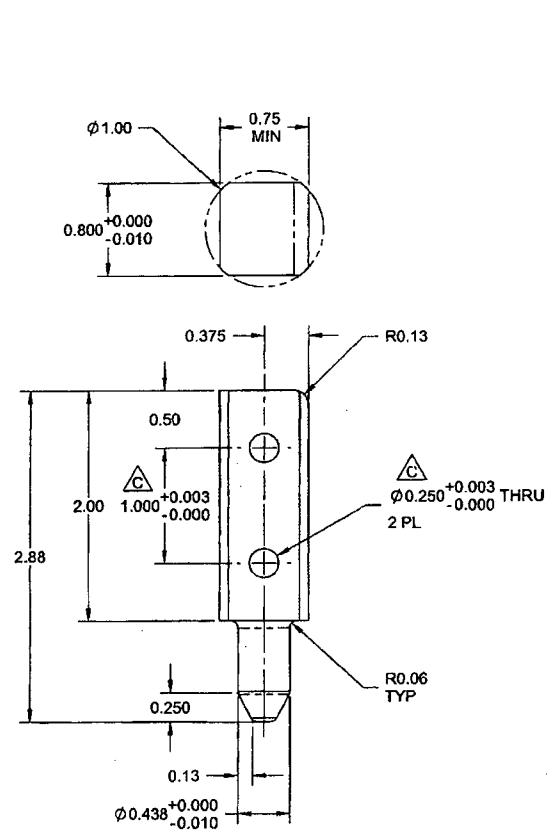
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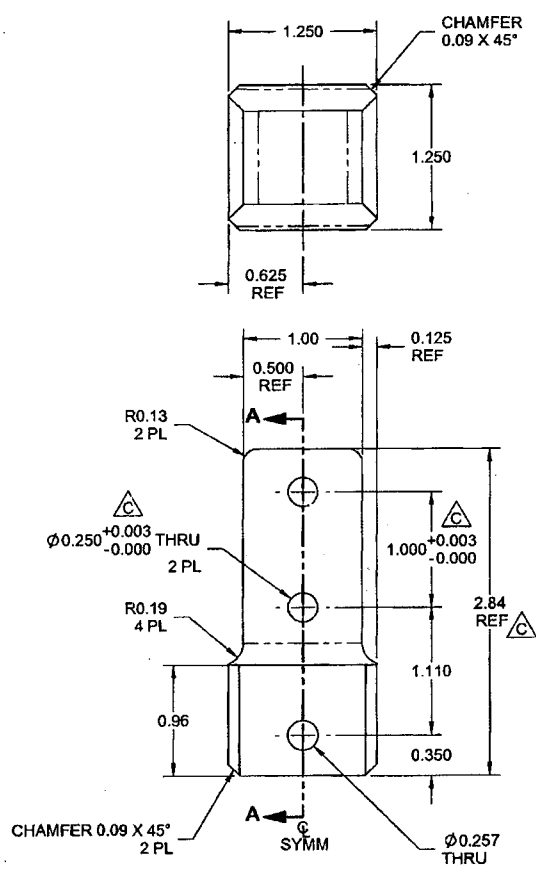
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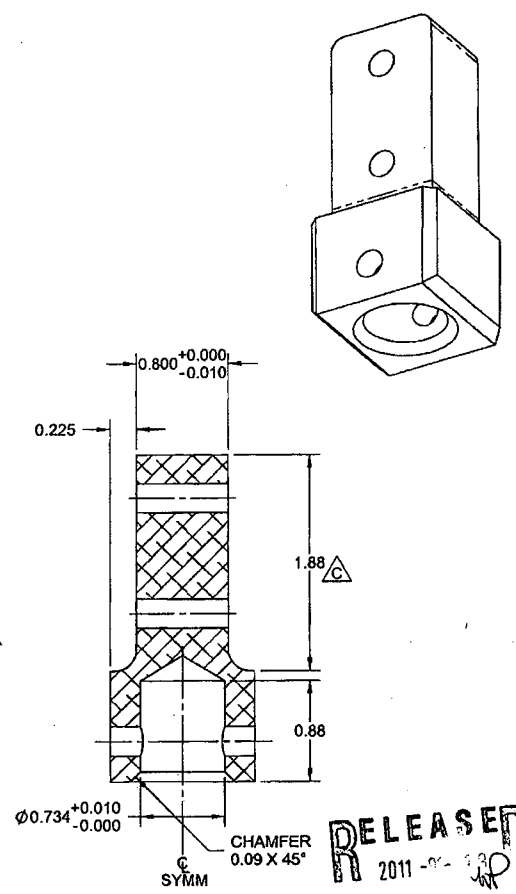
NOTE: Date & initial all entries



D4151-5 FWD BASKET INSTL STUD (LOWER)



D4151-7 FWD EYEBOLT RECEIVER (UPPER)



SECTION A-A

- NOTES:**
- 1) MATERIAL -5: 303/304/316 STAINLESS STEEL ROUND BAR, PER ASTM A276 OR ASTM A582 PER DART SPEC M303R OR M304R
 - 7: 303/304/316 STAINLESS STEEL BAR, PER ASTM A276 OR ASTM A582 PER DART SPEC M303B OR M304B
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY AT ASSEMBLY
 - 7) WEIGHT -5: 0.36 lbs
-7: 0.70 lbs

82914

DESIGN	15	DART AEROSPACE LTD	
DRAWN	15	HAWKESBURY, ONTARIO, CANADA	
CHECKED	SC	DRAWING NO.	REV. C
MFG. APPR.	11/10/14	D4151	SHEET 3 OF 3
APPROVED	11/10/14	TITLE	SCALE
DE APPR.	11/10/14	BASKET FWD HARDPOINT	NTS
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RELEASED
2011-04-10
RELEASED

W/O:		WORK ORDER CHANGES					
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